

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1447	((381/17-23).CQL.S.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/21 17:25
L2	776	audio and matrix and decod\$4 and noise and \$4speaker\$1 and (three adj dimensional)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/21 17:25
L3	4	L2 and L1 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 17:25
L4	609458	((virtual adj enhanced adj surround) or (ves))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/21 17:25
L5	6	L2 and L4 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 17:25
L6	1853	((381/98-100 or 381/103).CQL.S.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/21 17:26
L7	1	L2 and L6 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/21 17:26
L8	18	audio same matrix same digital same discrete same surround same channel same \$4speaker \$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/21 17:27
L9	3	L8 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/21 17:27
L10	0	(audio same digital\$2 same frequency same speaker same ambient same noise same create same three same dimensional same effect same center same equal \$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/21 17:28

S1	50	((("5333200") or ("5602922") or ("5610986") or ("5661808") or ("5757928") or ("5892830") or ("5970152") or ("4968154") or ("4392019") or ("5222059") or ("5381482") or ("5386473") or ("5414774") or ("5524054") or ("5572591") or ("5757927") or ("5768399") or ("5771295") or ("5798818") or ("5862228") or ("5896358") or ("6016295") or ("6026168") or ("6069567") or ("6122382") or ("6127919") or ("6198827") or ("4589129") or ("4891839") or ("4905283") or ("4908858") or ("4984273") or ("5177798") or ("5191487") or ("5274740") or ("5278909") or ("5307415") or ("5371799") or ("5400433") or ("5493620") or ("5530655") or ("5546465") or ("5583962") or ("5594800") or ("5632005") or ("5633981") or ("5708719") or ("5727068") or ("5737720") or ("5748835"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/08/08 14:35
S2	5	((("20040120537") or ("6167140") or ("6760448") or ("6442278") or ("6766028"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/08/08 15:17

S3	1197	((381/17-23).CCLS.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 17:07
S4	966	((381/27-28 or 381/56). CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:18
S5	1490	((381/17-23).CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:18
S6	1681	((381/98-100 or 381/103).CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:19
S7	758	((381/56 or 381/89). CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:20
S8	1527	((381/120 or 381/61). CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:20
S9	317	((381/307 or 381/310). CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:21
S10	605191	((virtual adj enhanced adj surround) or (ves))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:22
S11	776232	((digital adj cinema adj sound) or (dcs))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:24
S12	1	audio same matrix same decod\$4 same noise same \$4speaker\$1 same (three adj dimensional)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:27
S13	534	audio and matrix and decod\$4 and noise and \$4speaker\$1 and (three adj dimensional)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:28
S14	276	S13 and @ay< = "2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:29
S15	4	S13 and S3 and @ay< = "2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 16:46

S16	6	S13 and S10 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:39
S17	2	("5845249"   "6092046"). PN. OR ("6917915"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 15:38
S18	115	S13 and S11 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 15:39
S19	1	S13 and S4 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 16:13
S20	20	("2019615"   "3952157"   "4932059"   "4980915"   "5043970"   "5172415"   "5189703"   "5199075"   "5222059"   "5263087"). PN. OR ("5530760"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/08 16:07
S21	4	S13 and S5 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 16:12
S22	1	S13 and S6 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 16:13
S23	0	S13 and S7 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 16:14
S24	0	S13 and S8 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 16:14
S25	2	S13 and S9 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/08 16:14
S26	1	(player adj console adj operable adj receive) same listener same input same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 16:48
S27	1	(player adj console adj operable) same listener same input same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 16:49

S28	1	(console adj operable) same listener same input same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 16:49
S29	1	(console adj operable) and listener and input and \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 16:50
S30	16	(console adj opera\$3) and listener and input and \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 16:52
S31	13	S30 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 17:03
S32	0	audio same matrix same \$4speaker\$1 same (headphone or headset) same "algorithm."	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 17:06
S33	725	audio and matrix and \$4speaker\$1 and (headphone or headset) and algorithm	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 17:05
S34	2	audio same matrix same \$4speaker\$1 same (headphone or headset) same algorithm	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/08/09 17:06
S35	20	((381/17-23).CQLS.) and S33 and @ay<="2001"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/08/09 17:07
S36	1	("7145741").FN.	US-PGPUB; USPAT	OR	OFF	2007/08/09 20:39
S37	12	("20020082922"   "20020116082"   "20020152396"   "20020176576"   "20020188461"   "20030185397"   "20030227833"   "20040013058"   "20050033864"   "6609105"   "6697944"   "6950941").FN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/09 20:50
S38	2	audio same matrix same mix\$3 same digital same discrete same surround same channel same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/07 20:30

S39	439	audio and matrix and mix \$3 and digital and discrete and surround and channel and \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/07 20:34
S40	73	((("381"/\$.cds.) and S39 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/07 20:35
S41	1	((CHRISTOPHE) near2 (CHABANNE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/08 10:08
S42	15	audio same matrix same digital same discrete same surround same channel same \$4speaker \$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/08 11:29
S43	3	S42 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/08 11:30
S44	15	audio same matrix same digital same discrete same surround same channel\$1 same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/08 13:30
S45	3	S44 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/08 13:31
S46	15	("3890466"   "4236039"   "4392019"   "4799260"   "5594800"   "5642423"   "5802181"   "5818941"). PN. OR ("6760448"). UPPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/08 13:33
S47	1	"7177432".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/08 17:09
S48	2	discrete same ambient same noise same channel \$1 same matrix	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2008/04/10 14:43

S49	95	((("5333200") or ("5602922") or ("5610986") or ("5661808") or ("5757928") or ("5892830") or ("5970152") or ("4968154") or ("4392019") or ("5222059") or ("5381482") or ("5386473") or ("5414774") or ("5524054") or ("5572591") or ("5757927") or ("5768399") or ("5771295") or ("5798818") or ("5862228") or ("5896358") or ("6016295") or ("6026168") or ("6069567") or ("6122382") or ("6127919") or ("6198827") or ("4589129") or ("4891839") or ("4905283") or ("4908858") or ("4984273") or ("5177798") or ("5191487") or ("5274740") or ("5278909") or ("5307415") or ("5371799") or ("5400433") or ("5493620") or ("5530655") or ("5546465") or ("5583962") or ("5594800") or ("5632005") or ("5633981") or ("5708719") or ("5727068") or ("5737720") or ("5748835"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/04 17:35
S50	765	audio and matrix and deco\$d4 and noise and \$4speaker\$1 and (three adj dimensional)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:38

S51	288	S50 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 17:38
S52	1441	((381/17-23).CCLS.)	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/04 17:41
S53	4	S50 and S52 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 17:41
S54	609374	((virtual adj enhanced adj surround) or (ves))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:42
S55	6	S50 and S54 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 17:42
S56	940562	((digital adj cinema adj sound) or (dcs))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:43
S57	126	S50 and S56 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 17:43
S58	1737	((381/17-23).CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:46
S59	4	S50 and S58 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 17:46
S60	1713	((381/120 or 381/61). CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:47
S61	0	S50 and S60 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:47
S62	406	((381/307 or 381/310). CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:47
S63	2	S50 and S62 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:47



S64	1851	((381/98-100 or 381/103).CQLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:48
S65	1	S50 and S64 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 17:48
S66	602	audio and matrix and mix \$3 and digital and discrete and surround and channel and \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 17:48
S67	74	((("381"/\$).ccls.) and S66 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 17:48
S68	0	(audio same digital\$2 same encod\$3 same sequenc\$4 same matrix same mixing same surround channel same low same frequency same speaker same ambient same noise same create same three same dimensional same effect same center same equal\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 18:15
S69	0	(audio same digital\$2 same encod\$3 same sequenc\$4 same matrix same mixing same surround channel same low same frequency same speaker same ambient same noise same create same three same dimensional same effect same center same equal\$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 18:16
S70	0	(audio same digital\$2 same frequency same speaker same ambient same noise same create same three same dimensional same effect same center same equal \$3).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 18:16

S71	18	audio same matrix same digital same discrete same surround same channel same \$4speaker \$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 18:17
S72	3	S71 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 18:17
S73	18	audio same matrix same digital same discrete same surround same channel\$1 same \$4speaker\$1	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/04 18:18
S74	3	S73 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/04 18:18
S78	765	audio and matrix and decod\$4 and noise and \$4speaker\$1 and (three adj dimensional)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/05 09:44
S79	406	((381/307 or 381/310). CCLS.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2009/09/05 09:44
S80	2	S78 and S79 and @ay<="2001"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/05 09:44
S82	2	("6904152").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/07 11:12
S83	7	((ARNAUD) near2 (LABORIE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/07 11:14

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